0068290 "E8E90960

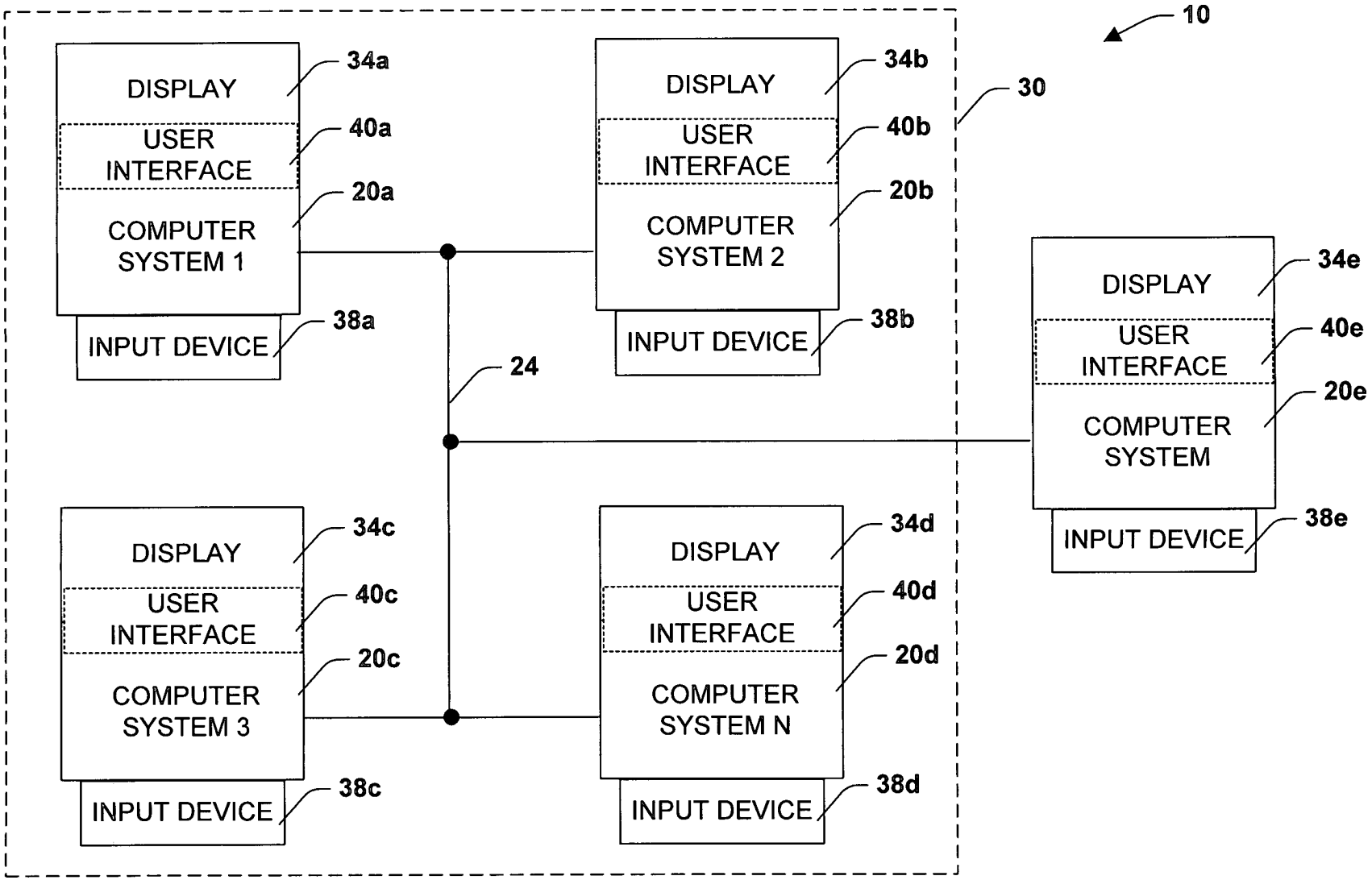


Fig. 1

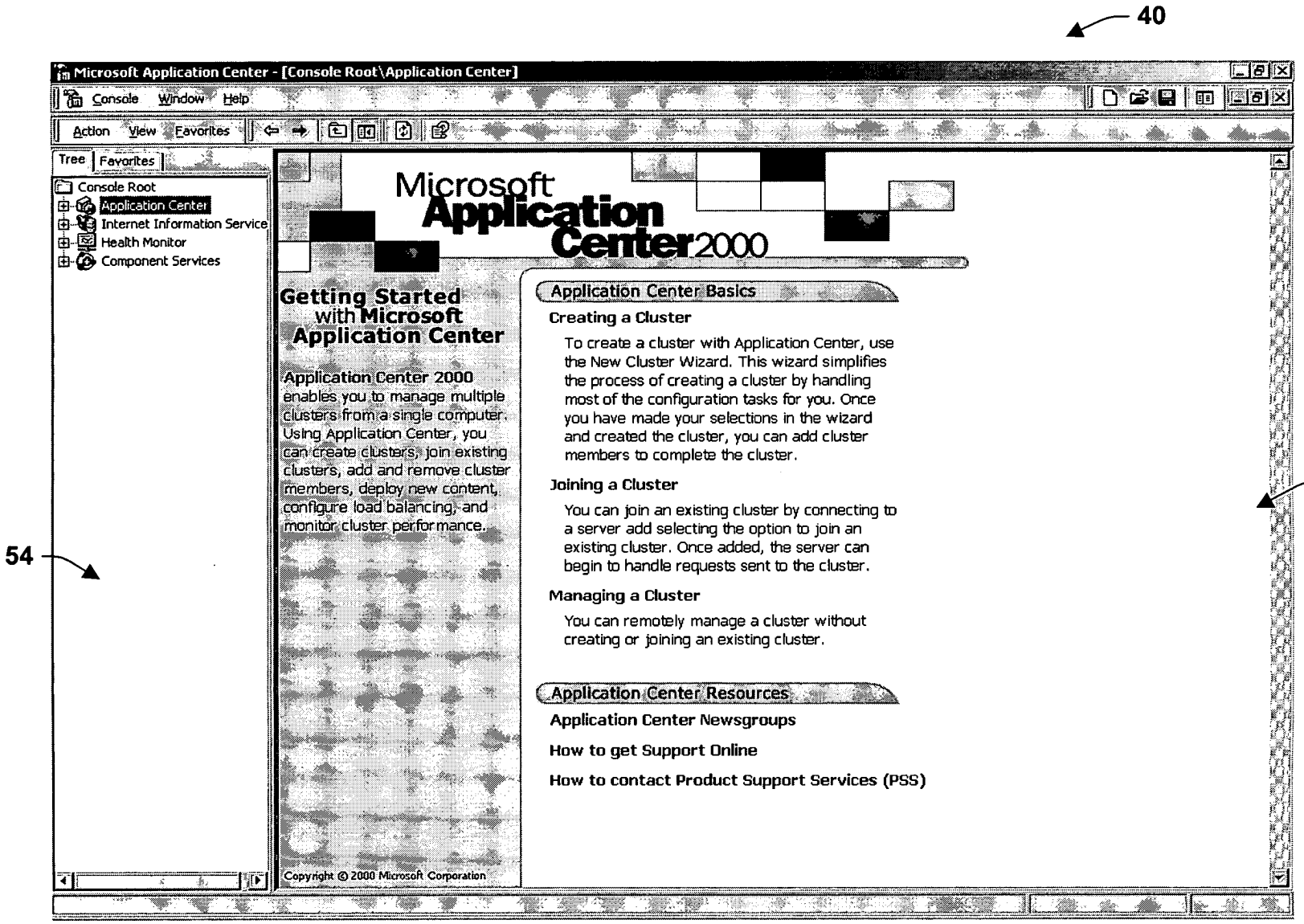

40
Microsoft Application Center - [Console Root\Application Center]
Console Window Help
Action View Favorites
Tree Favorites
Console Root
Application Center
Internet Information Service
Health Monitor
Component Services
Microsoft Application Center 2000
Getting Started with Microsoft Application Center
Application Center 2000 enables you to manage multiple clusters from a single computer. Using Application Center, you can create clusters, join existing clusters, add and remove cluster members, deploy new content, configure load balancing, and monitor cluster performance.
Copyright © 2000 Microsoft Corporation
Application Center Basics
Creating a Cluster
To create a cluster with Application Center, use the New Cluster Wizard. This wizard simplifies the process of creating a cluster by handling most of the configuration tasks for you. Once you have made your selections in the wizard and created the cluster, you can add cluster members to complete the cluster.
Joining a Cluster
You can join an existing cluster by connecting to a server add selecting the option to join an existing cluster. Once added, the server can begin to handle requests sent to the cluster.
Managing a Cluster
You can remotely manage a cluster without creating or joining an existing cluster.
Application Center Resources
Application Center Newsgroups
How to get Support Online
How to contact Product Support Services (PSS)
50
54

Fig. 2

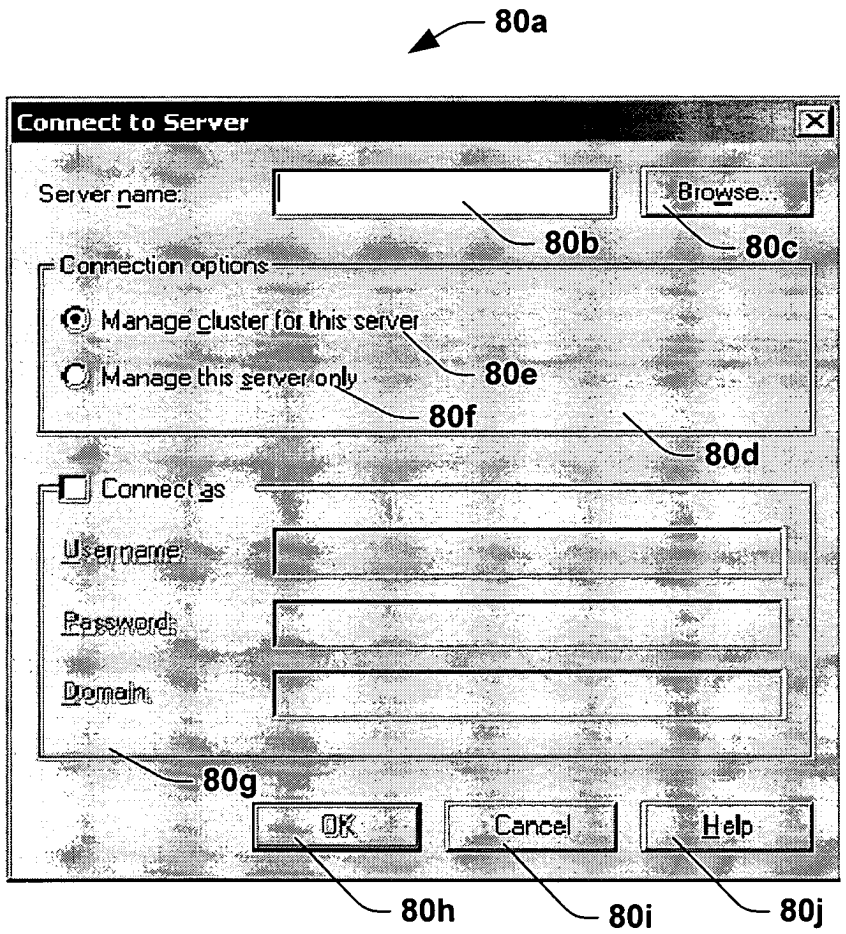

80a
Connect to Server
Server name:
Browse...
80b
80c
Connection options
Manage cluster for this server
Manage this server only
80e
80f
80d
Connect as
Username:
Password:
Domain:
80g
OK
Cancel
Help
80h
80i
80j

Fig. 3a

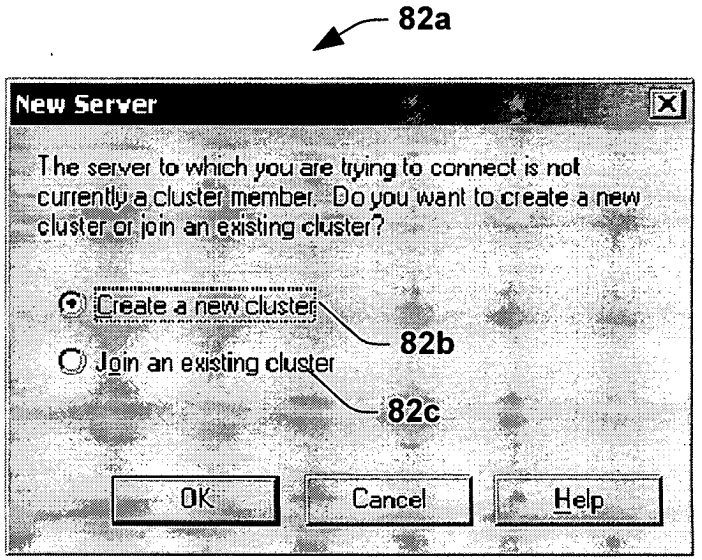

82a
New Server
The server to which you are trying to connect is not currently a cluster member. Do you want to create a new cluster or join an existing cluster?
Create a new cluster
Join an existing cluster
82b
82c
OK
Cancel
Help

Fig. 3b

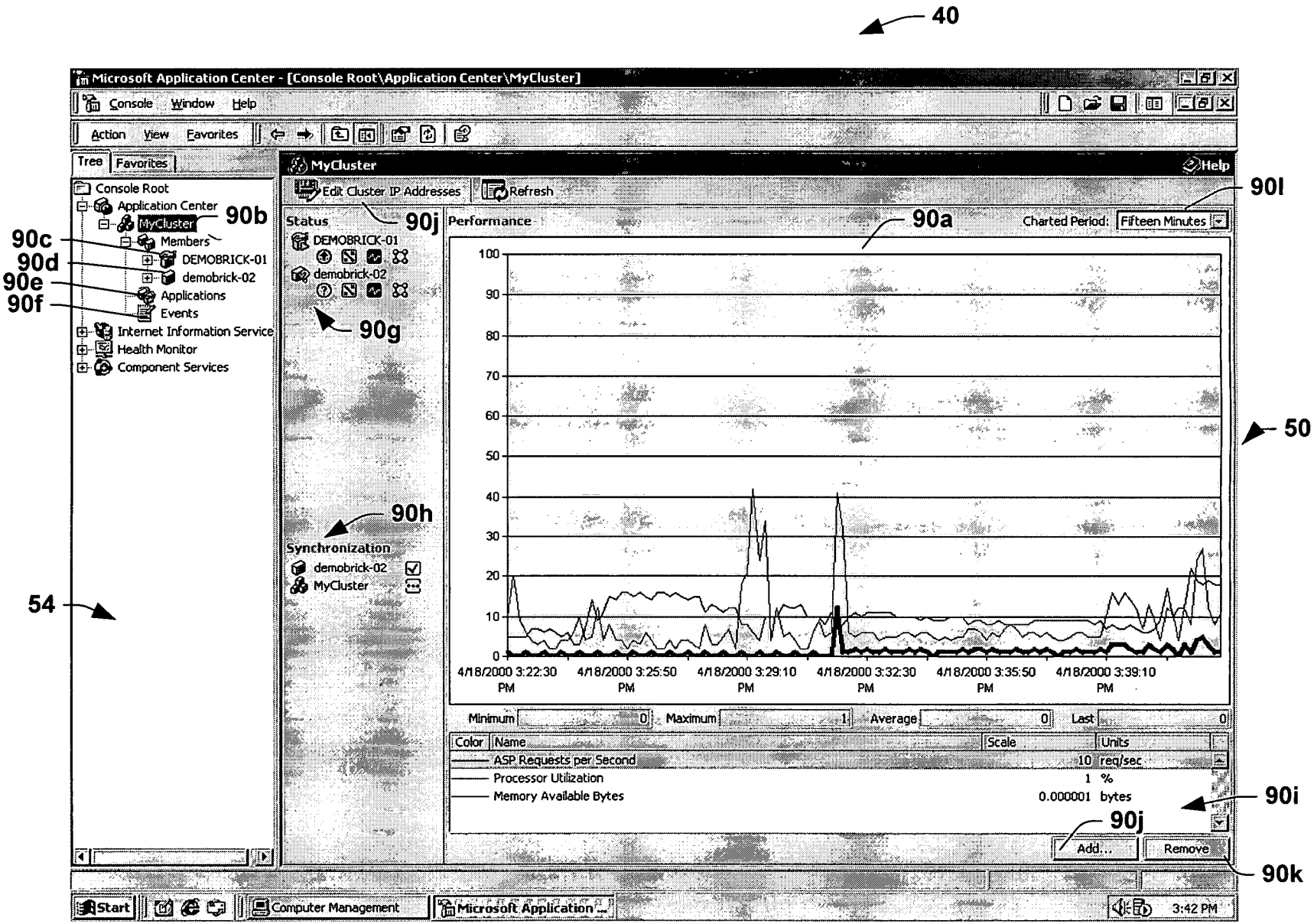

40
Microsoft Application Center - [Console Root\Application Center\MyCluster]
Console Window Help
Action View Favorites
Tree Favorites
Console Root
Application Center
MyCluster
Members
DEMOBRICK-01
demobrick-02
Applications
Events
Internet Information Service
Health Monitor
Component Services
90b
90c
90d
90e
90f
54
MyCluster
Help
Edit Cluster IP Addresses
Refresh
Status
90j
DEMOBRICK-01
demobrick-02
90g
90h
Synchronization
demobrick-02
MyCluster
Performance
90a
Charted Period: Fifteen Minutes
90l
50
100
90
80
70
60
50
40
30
20
10
0
4/18/2000 3:22:30 PM
4/18/2000 3:25:50 PM
4/18/2000 3:29:10 PM
4/18/2000 3:32:30 PM
4/18/2000 3:35:50 PM
4/18/2000 3:39:10 PM
Minimum 0 Maximum 1 Average 0 Last 0
Color Name Scale Units
ASP Requests per Second 10 req/sec
Processor Utilization 1 %
Memory Available Bytes 0.000001 bytes
90i
90j
Add...
Remove
90k
Start
Computer Management
Microsoft Application...
3:42 PM

Fig. 4a

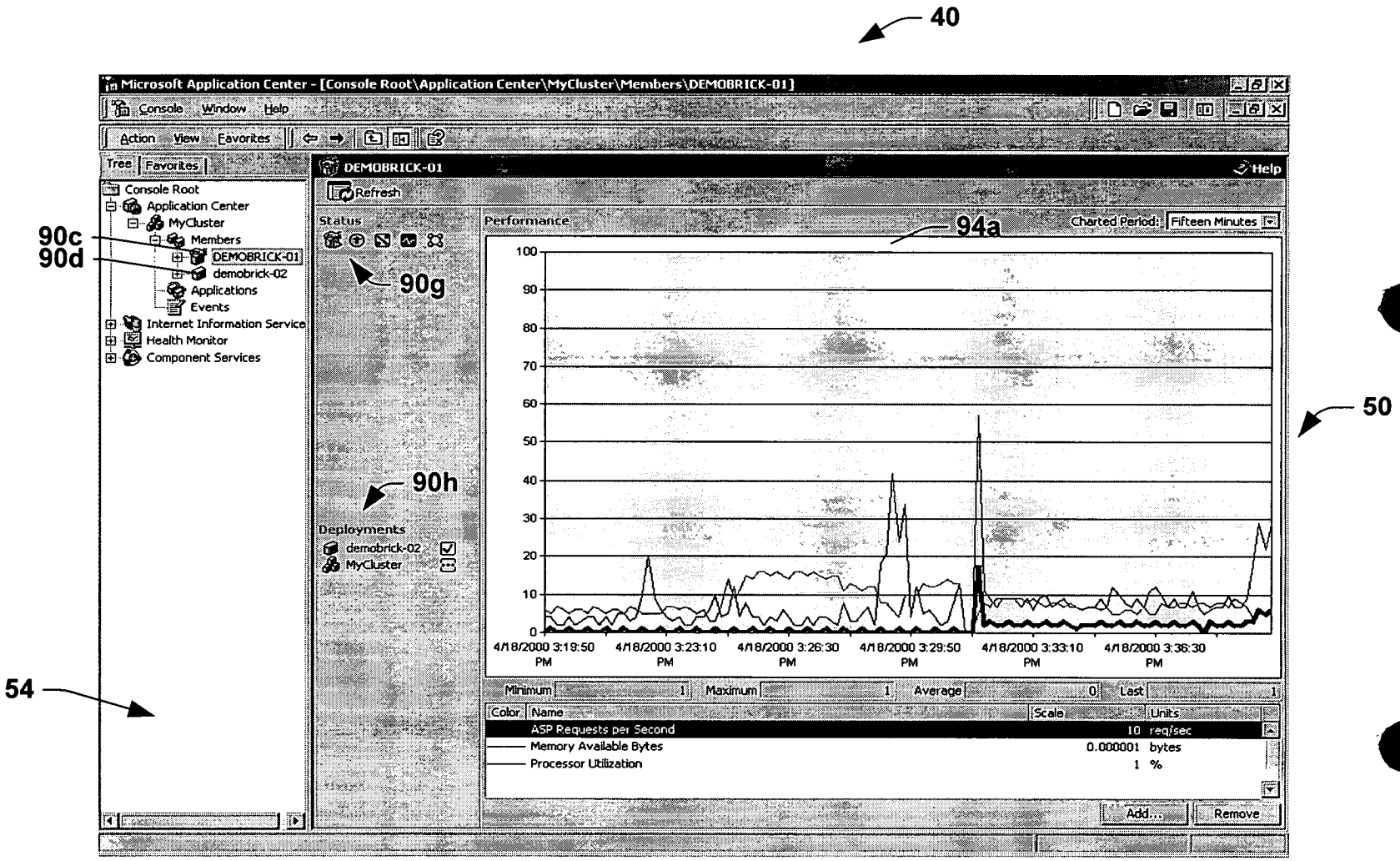

40
Microsoft Application Center - [Console Root\Application Center\MyCluster\Members\DEMOBRICK-01]
Console
Window
Help
Action
View
Favorites
Tree
Favorites
Console Root
Application Center
MyCluster
Members
DEMOBRICK-01
demobrick-02
Applications
Events
Internet Information Service
Health Monitor
Component Services
90c
90d
DEMOBRICK-01
Help
Refresh
Status
90g
90h
Deployments
demobrick-02
MyCluster
Performance
94a
Charted Period:
Fifteen Minutes
50
100
90
80
70
60
50
40
30
20
10
0
4/18/2000 3:19:50 PM
4/18/2000 3:23:10 PM
4/18/2000 3:26:30 PM
4/18/2000 3:29:50 PM
4/18/2000 3:33:10 PM
4/18/2000 3:36:30 PM
Minimum
Maximum
Average
Last
Color
Name
Scale
Units
ASP Requests per Second
10 req/sec
Memory Available Bytes
0.000001 bytes
Processor Utilization
1 %
Add...
Remove
54

Fig. 4b

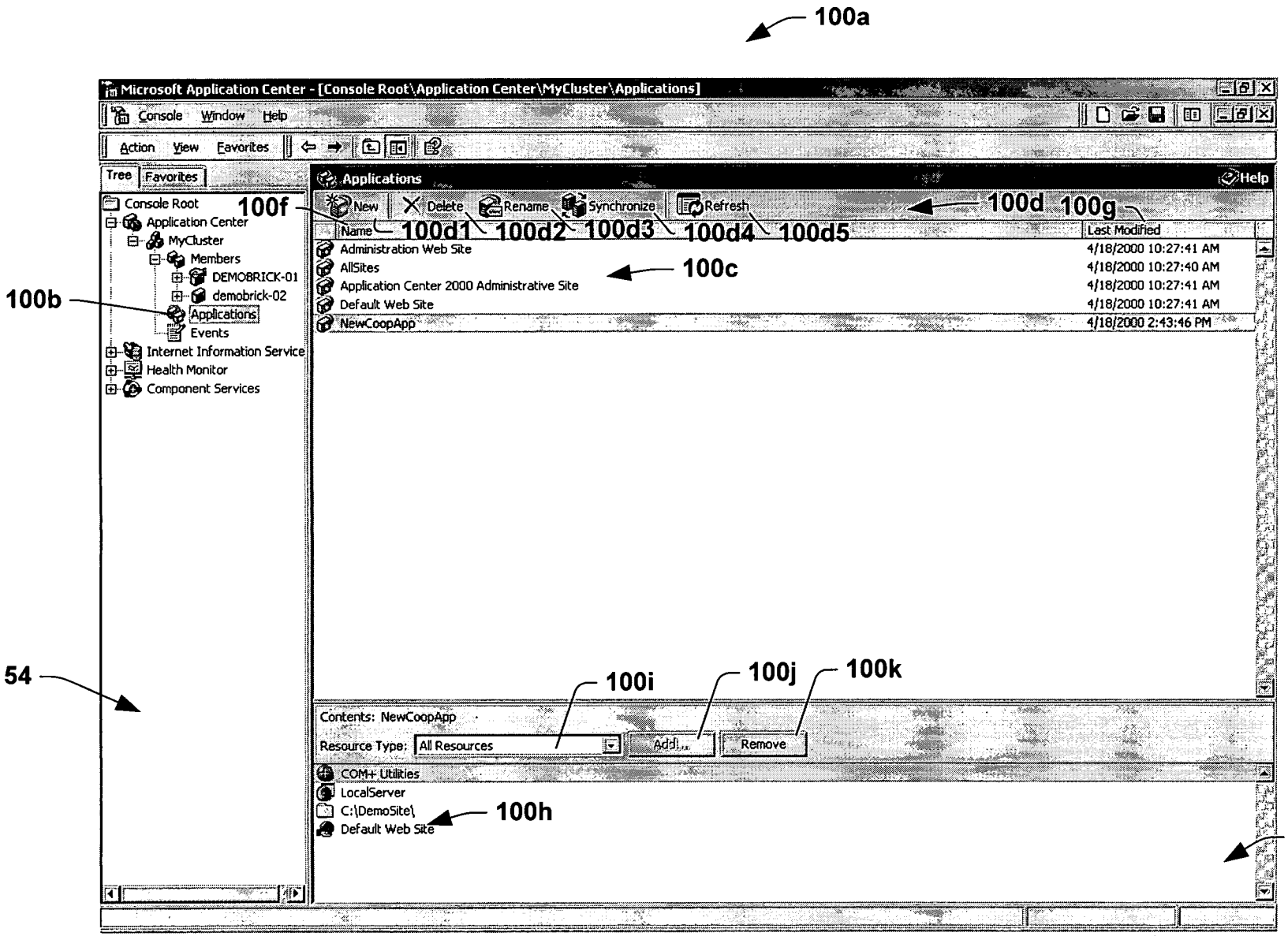

100a
Microsoft Application Center - [Console Root\Application Center\MyCluster\Applications]
Console Window Help
Action View Favorites
Tree Favorites
Console Root
Application Center
MyCluster
Members
DEMOBRICK-01
demobrick-02
Applications
Events
Internet Information Service
Health Monitor
Component Services
100b
Applications
Help
New Delete Rename Synchronize Refresh
100f
100d
100g
100d1
100d2
100d3
100d4
100d5
Name
Last Modified
Administration Web Site 4/18/2000 10:27:41 AM
AllSites 4/18/2000 10:27:40 AM
Application Center 2000 Administrative Site 4/18/2000 10:27:41 AM
Default Web Site 4/18/2000 10:27:41 AM
NewCoopApp 4/18/2000 2:43:46 PM
100c
54
100i
100j
100k
Contents: NewCoopApp
Resource Type: All Resources
Add...
Remove
COM+ Utilities
LocalServer
C:\DemoSite\
Default Web Site
100h
100e

Fig. 5

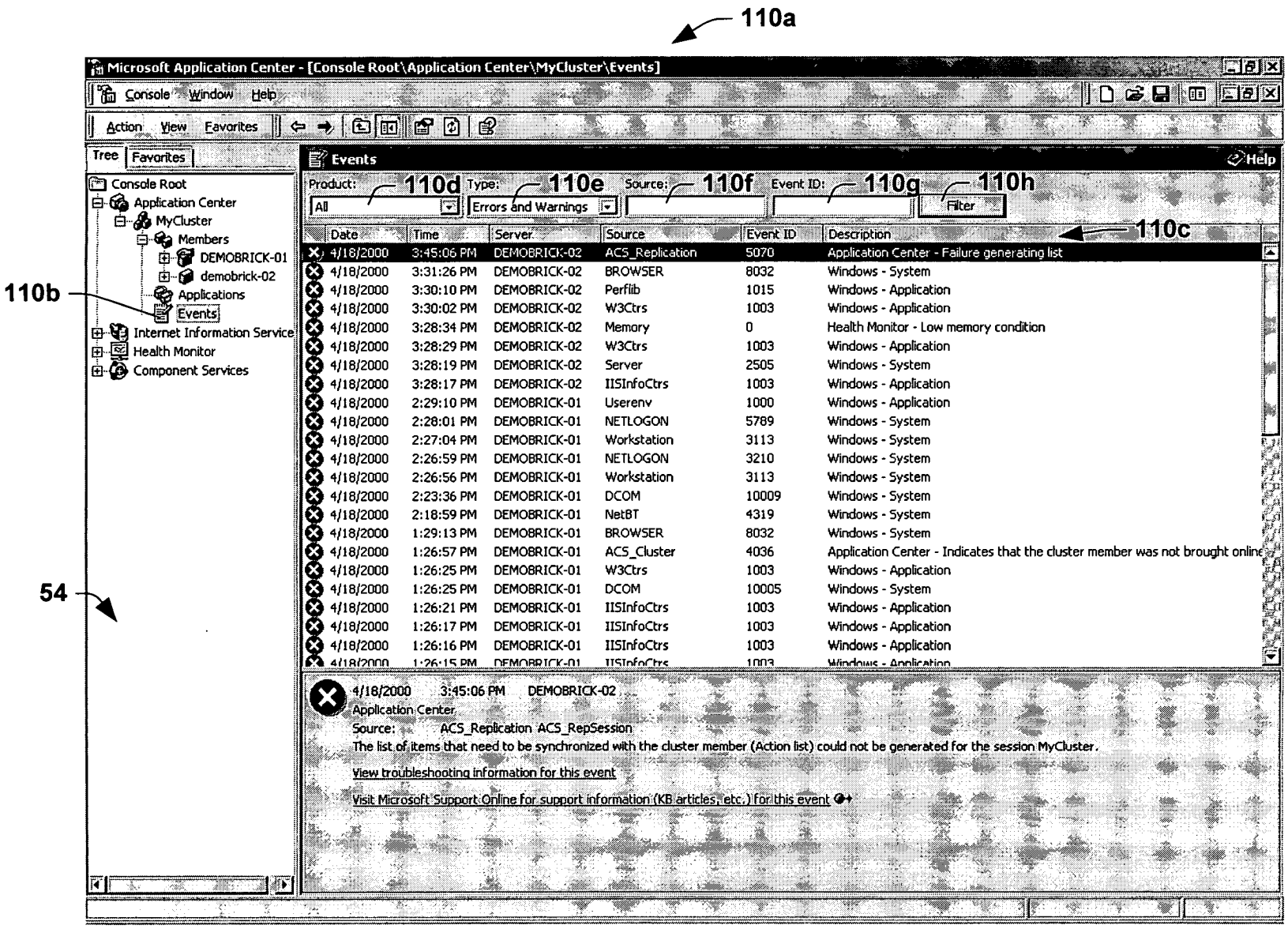

110a
Microsoft Application Center - [Console Root\Application Center\MyCluster\Events]
Console Window Help
Action View Favorites
Tree Favorites
Console Root
Application Center
MyCluster
Members
DEMOBRICK-01
demobrick-02
Applications
Events
Internet Information Service
Health Monitor
Component Services
110b
54
Events
Help
Product: 110d
Type: 110e
Source: 110f
Event ID: 110g
110h
All
Errors and Warnings
Filter
110c
Date Time Server Source Event ID Description
4/18/2000 3:45:06 PM DEMOBRICK-02 ACS_Replication 5070 Application Center - Failure generating list
4/18/2000 3:31:26 PM DEMOBRICK-02 BROWSER 8032 Windows - System
4/18/2000 3:30:10 PM DEMOBRICK-02 Perflib 1015 Windows - Application
4/18/2000 3:30:02 PM DEMOBRICK-02 W3Ctrs 1003 Windows - Application
4/18/2000 3:28:34 PM DEMOBRICK-02 Memory 0 Health Monitor - Low memory condition
4/18/2000 3:28:29 PM DEMOBRICK-02 W3Ctrs 1003 Windows - Application
4/18/2000 3:28:19 PM DEMOBRICK-02 Server 2505 Windows - System
4/18/2000 3:28:17 PM DEMOBRICK-02 IISInfoCtrs 1003 Windows - Application
4/18/2000 2:29:10 PM DEMOBRICK-01 Userenv 1000 Windows - Application
4/18/2000 2:28:01 PM DEMOBRICK-01 NETLOGON 5789 Windows - System
4/18/2000 2:27:04 PM DEMOBRICK-01 Workstation 3113 Windows - System
4/18/2000 2:26:59 PM DEMOBRICK-01 NETLOGON 3210 Windows - System
4/18/2000 2:26:56 PM DEMOBRICK-01 Workstation 3113 Windows - System
4/18/2000 2:23:36 PM DEMOBRICK-01 DCOM 10009 Windows - System
4/18/2000 2:18:59 PM DEMOBRICK-01 NetBT 4319 Windows - System
4/18/2000 1:29:13 PM DEMOBRICK-01 BROWSER 8032 Windows - System
4/18/2000 1:26:57 PM DEMOBRICK-01 ACS_Cluster 4036 Application Center - Indicates that the cluster member was not brought online
4/18/2000 1:26:25 PM DEMOBRICK-01 W3Ctrs 1003 Windows - Application
4/18/2000 1:26:25 PM DEMOBRICK-01 DCOM 10005 Windows - System
4/18/2000 1:26:21 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 1:26:17 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 1:26:16 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 3:45:06 PM DEMOBRICK-02
Application Center
Source: ACS_Replication ACS_RepSession
The list of items that need to be synchronized with the cluster member (Action list) could not be generated for the session MyCluster.
View troubleshooting information for this event
Visit Microsoft Support Online for support information (KB articles, etc.) for this event

Fig. 6a

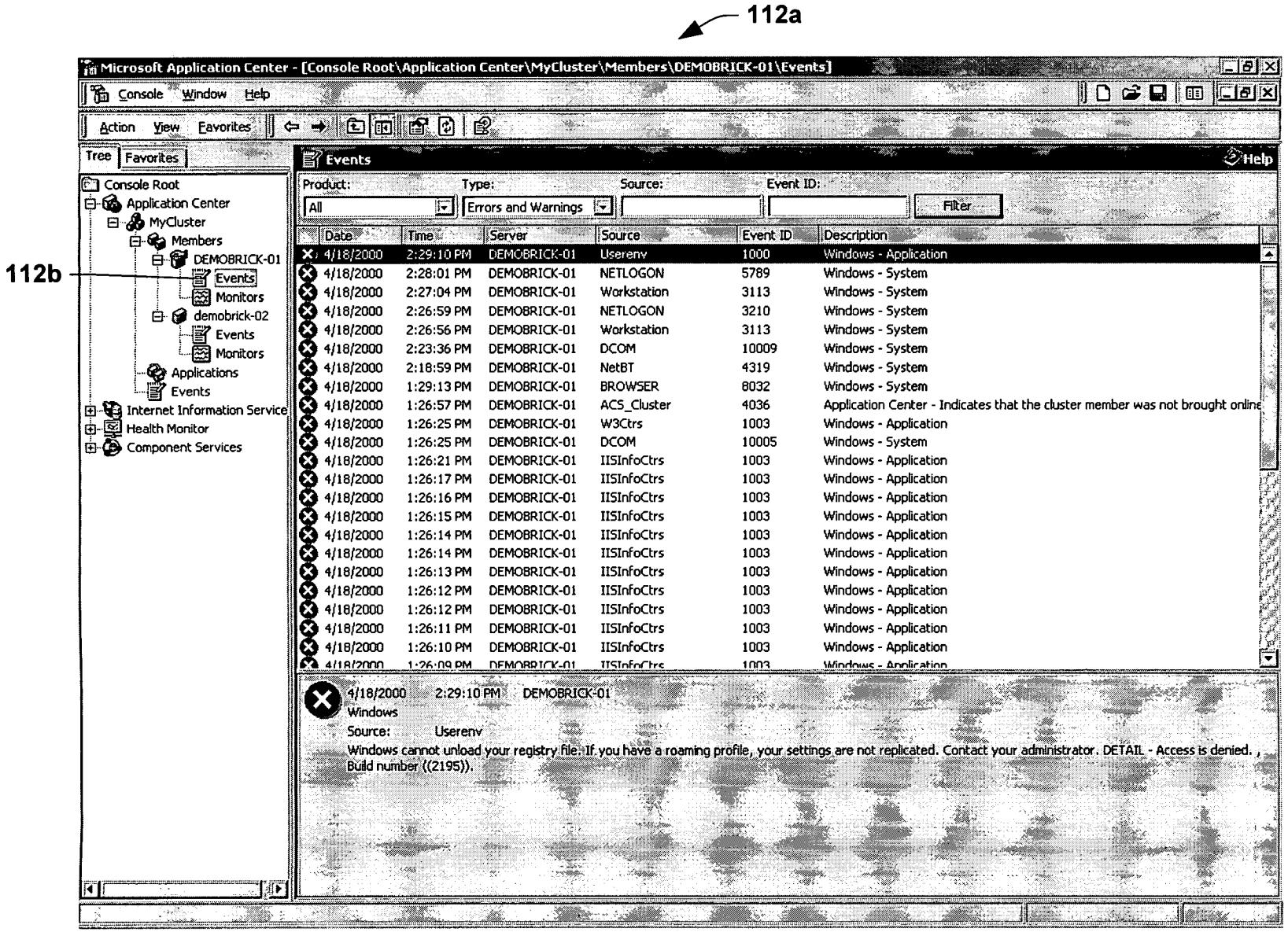

112a
112b
Microsoft Application Center - [Console Root\Application Center\MyCluster\Members\DEMOBRICK-01\Events]
Console Window Help
Action View Favorites
Tree Favorites
Console Root
Application Center
MyCluster
Members
DEMOBRICK-01
Events
Monitors
demobrick-02
Events
Monitors
Applications
Events
Internet Information Service
Health Monitor
Component Services
Events
Help
Product: Type: Source: Event ID:
All
Errors and Warnings
Filter
Date Time Server Source Event ID Description
4/18/2000 2:29:10 PM DEMOBRICK-01 Userenv 1000 Windows - Application
4/18/2000 2:28:01 PM DEMOBRICK-01 NETLOGON 5789 Windows - System
4/18/2000 2:27:04 PM DEMOBRICK-01 Workstation 3113 Windows - System
4/18/2000 2:26:59 PM DEMOBRICK-01 NETLOGON 3210 Windows - System
4/18/2000 2:26:56 PM DEMOBRICK-01 Workstation 3113 Windows - System
4/18/2000 2:23:36 PM DEMOBRICK-01 DCOM 10009 Windows - System
4/18/2000 2:18:59 PM DEMOBRICK-01 NetBT 4319 Windows - System
4/18/2000 1:29:13 PM DEMOBRICK-01 BROWSER 8032 Windows - System
4/18/2000 1:26:57 PM DEMOBRICK-01 ACS_Cluster 4036 Application Center - Indicates that the cluster member was not brought online
4/18/2000 1:26:25 PM DEMOBRICK-01 W3Ctrs 1003 Windows - Application
4/18/2000 1:26:25 PM DEMOBRICK-01 DCOM 10005 Windows - System
4/18/2000 1:26:21 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 1:26:17 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 1:26:16 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 1:26:15 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 1:26:14 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 1:26:14 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 1:26:13 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 1:26:12 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 1:26:12 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 1:26:11 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 1:26:10 PM DEMOBRICK-01 IISInfoCtrs 1003 Windows - Application
4/18/2000 2:29:10 PM DEMOBRICK-01
Windows
Source: Userenv
Windows cannot unload your registry file. If you have a roaming profile, your settings are not replicated. Contact your administrator. DETAIL - Access is denied. , Build number ((2195)).

Fig. 6b

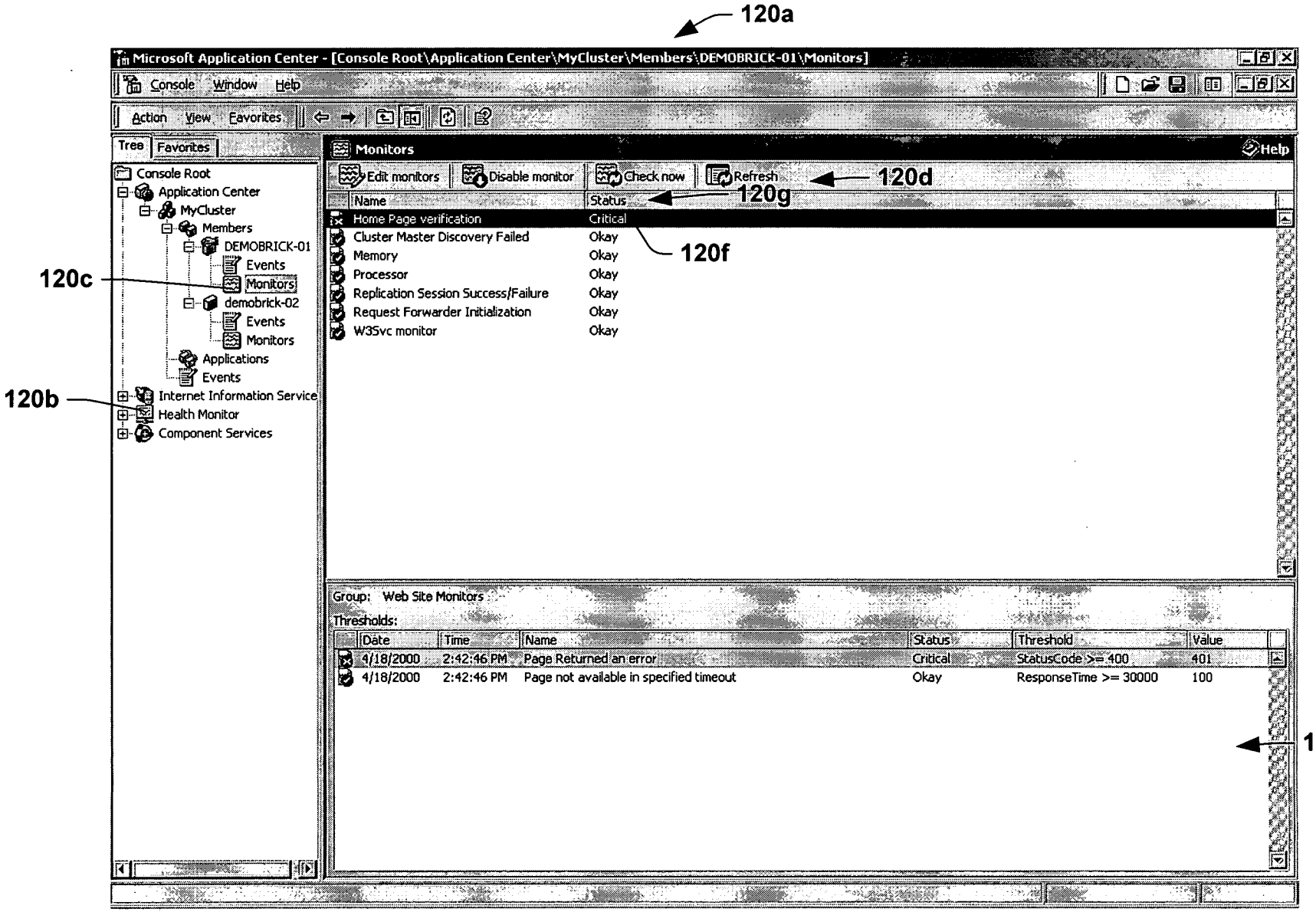

120a
Microsoft Application Center - [Console Root\Application Center\MyCluster\Members\DEMOBRICK-01\Monitors]
Console Window Help
Action View Favorites
Tree Favorites
Console Root
Application Center
MyCluster
Members
DEMOBRICK-01
Events
Monitors
demobrick-02
Events
Monitors
Applications
Events
Internet Information Service
Health Monitor
Component Services
120c
120b
Monitors
Help
Edit monitors
Disable monitor
Check now
Refresh
120d
120g
Name
Status
Home Page verification Critical
Cluster Master Discovery Failed Okay
Memory Okay
Processor Okay
Replication Session Success/Failure Okay
Request Forwarder Initialization Okay
W3Svc monitor Okay
120f
Group: Web Site Monitors
Thresholds:
Date Time Name Status Threshold Value
4/18/2000 2:42:46 PM Page Returned an error Critical StatusCode >= 400 401
4/18/2000 2:42:46 PM Page not available in specified timeout Okay ResponseTime >= 30000 100
120e

Fig. 7a

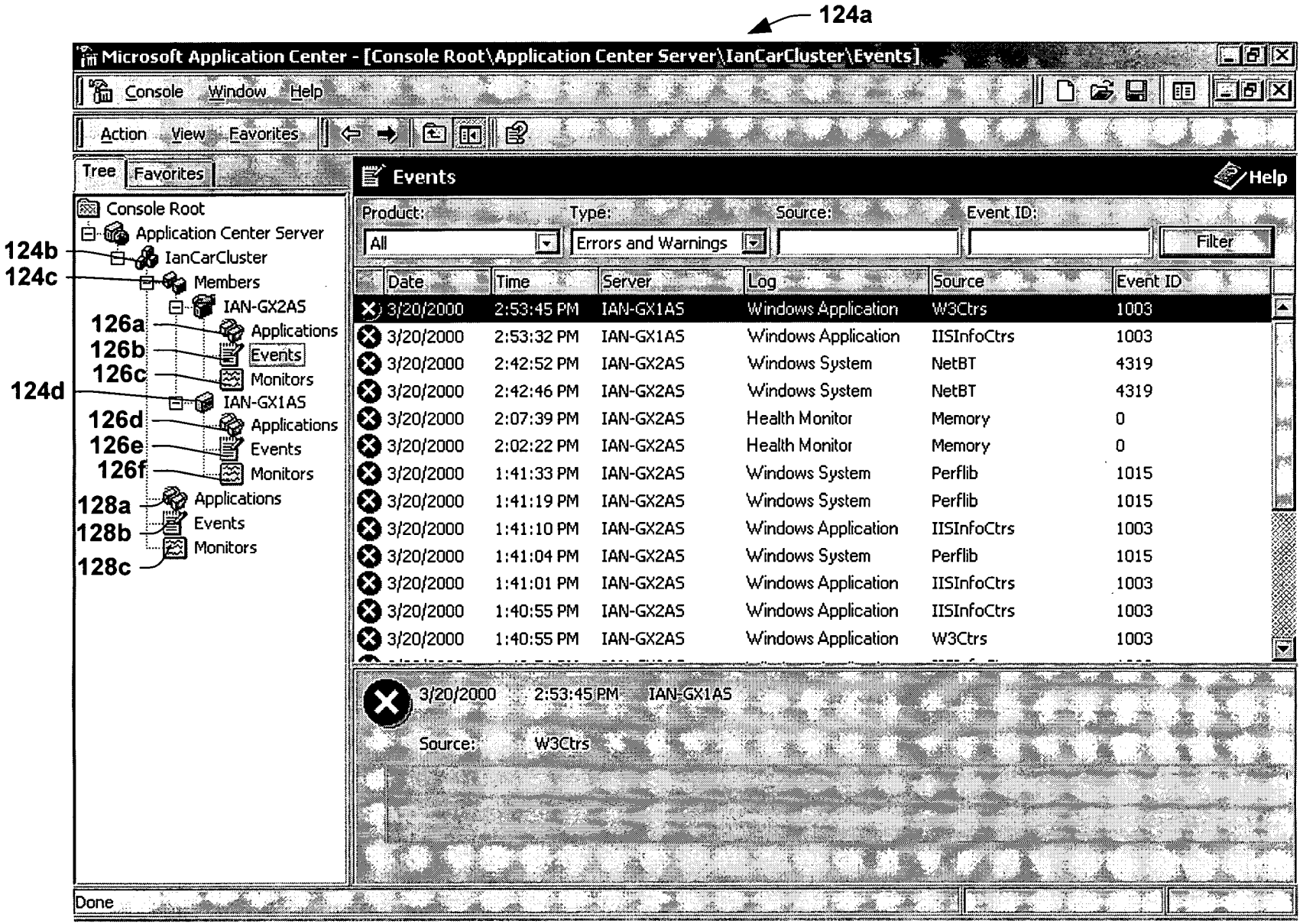

124a
Microsoft Application Center - [Console Root\Application Center Server\IanCarCluster\Events]
Console Window Help
Action View Favorites
Tree Favorites
Console Root
Application Center Server
IanCarCluster
Members
IAN-GX2AS
Applications
Events
Monitors
IAN-GX1AS
Applications
Events
Monitors
Applications
Events
Monitors
124b
124c
124d
126a
126b
126c
126d
126e
126f
128a
128b
128c
Events
Help
Product:
Type:
Source:
Event ID:
All
Errors and Warnings
Filter
Date Time Server Log Source Event ID
3/20/2000 2:53:45 PM IAN-GX1AS Windows Application W3Ctrs 1003
3/20/2000 2:53:32 PM IAN-GX1AS Windows Application IISInfoCtrs 1003
3/20/2000 2:42:52 PM IAN-GX2AS Windows System NetBT 4319
3/20/2000 2:42:46 PM IAN-GX2AS Windows System NetBT 4319
3/20/2000 2:07:39 PM IAN-GX2AS Health Monitor Memory 0
3/20/2000 2:02:22 PM IAN-GX2AS Health Monitor Memory 0
3/20/2000 1:41:33 PM IAN-GX2AS Windows System Perflib 1015
3/20/2000 1:41:19 PM IAN-GX2AS Windows System Perflib 1015
3/20/2000 1:41:10 PM IAN-GX2AS Windows Application IISInfoCtrs 1003
3/20/2000 1:41:04 PM IAN-GX2AS Windows System Perflib 1015
3/20/2000 1:41:01 PM IAN-GX2AS Windows Application IISInfoCtrs 1003
3/20/2000 1:40:55 PM IAN-GX2AS Windows Application IISInfoCtrs 1003
3/20/2000 1:40:55 PM IAN-GX2AS Windows Application W3Ctrs 1003
3/20/2000 2:53:45 PM IAN-GX1AS
Source: W3Ctrs
Done

Fig. 7b

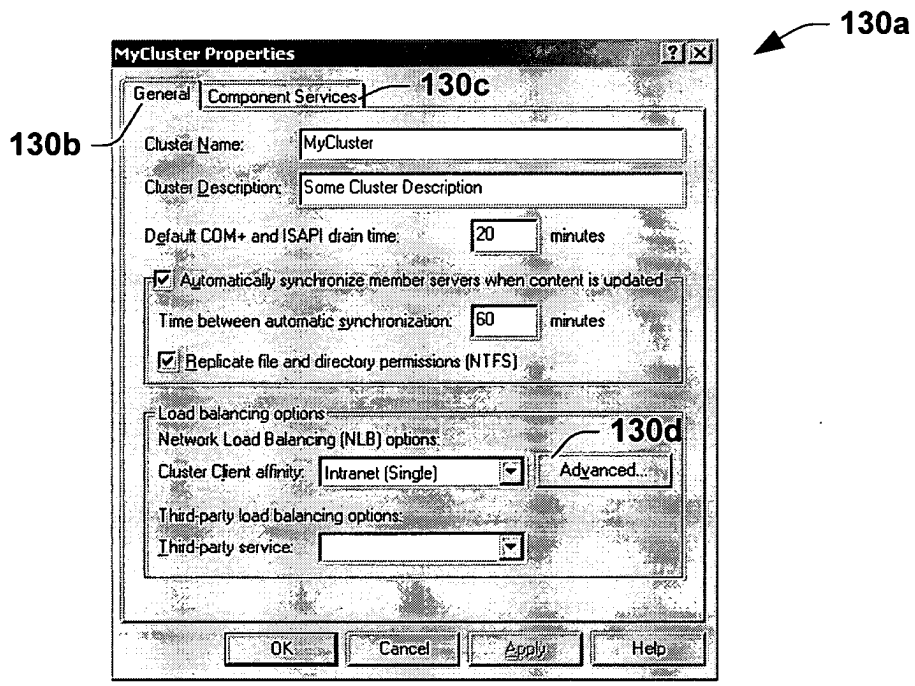


Fig. 8a

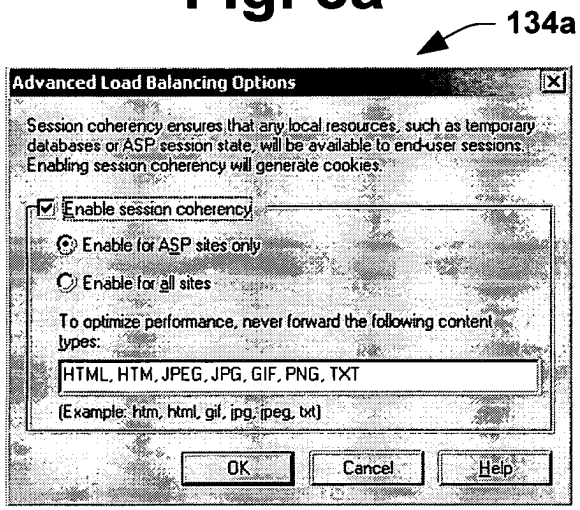


Fig. 8b

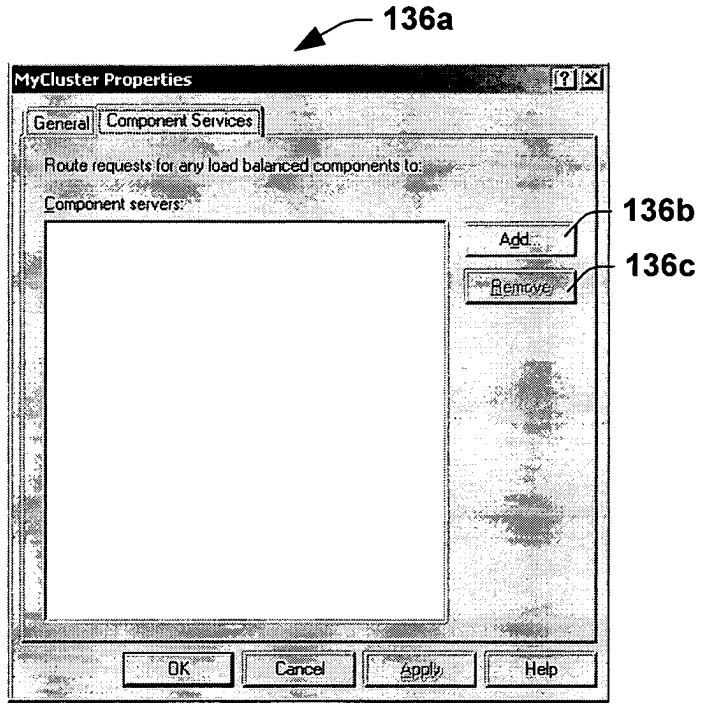


Fig. 8c

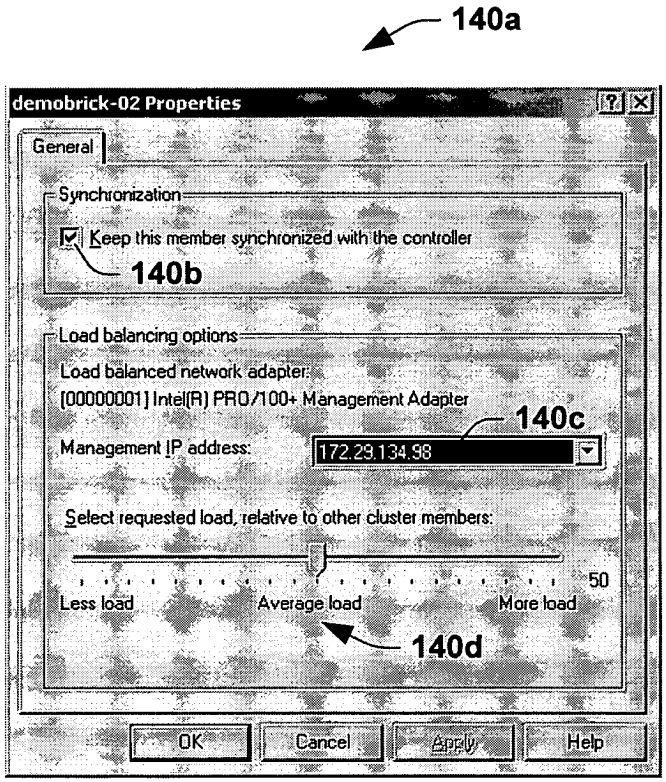

140a
demobrick-02 Properties
General
Synchronization
Keep this member synchronized with the controller
140b
Load balancing options
Load balanced network adapter:
[00000001] Intel(R) PRO/100+ Management Adapter
140c
Management IP address:
172.29.134.98
Select requested load, relative to other cluster members:
50
Less load
Average load
More load
140d
OK
Cancel
Apply
Help

Fig. 9

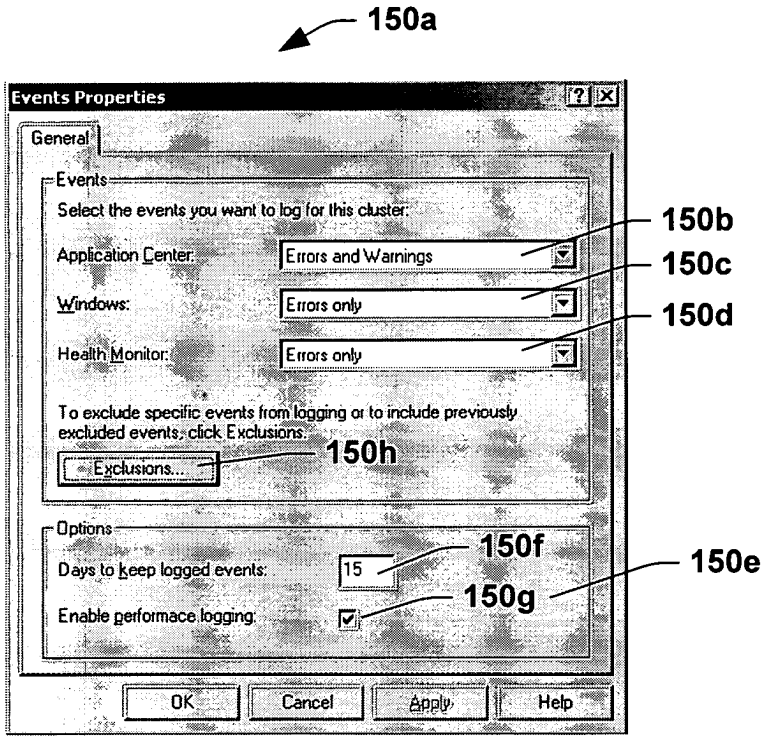


Fig. 10a

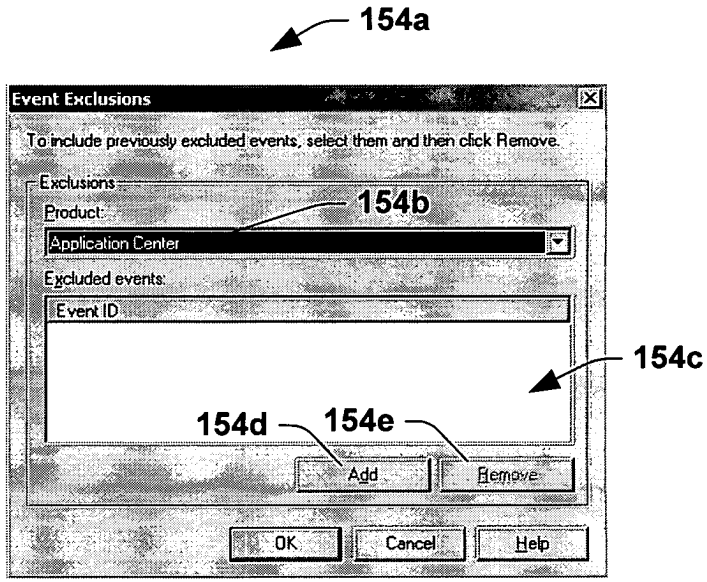


Fig. 10b

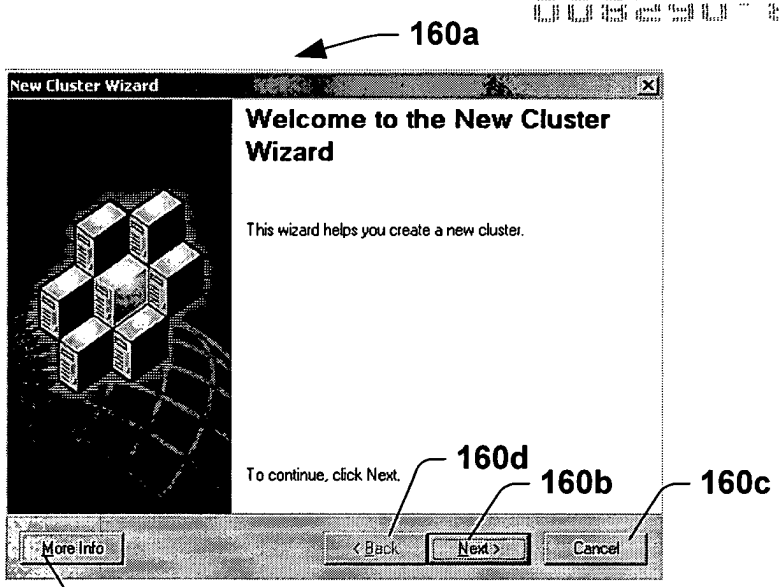


Fig. 11a

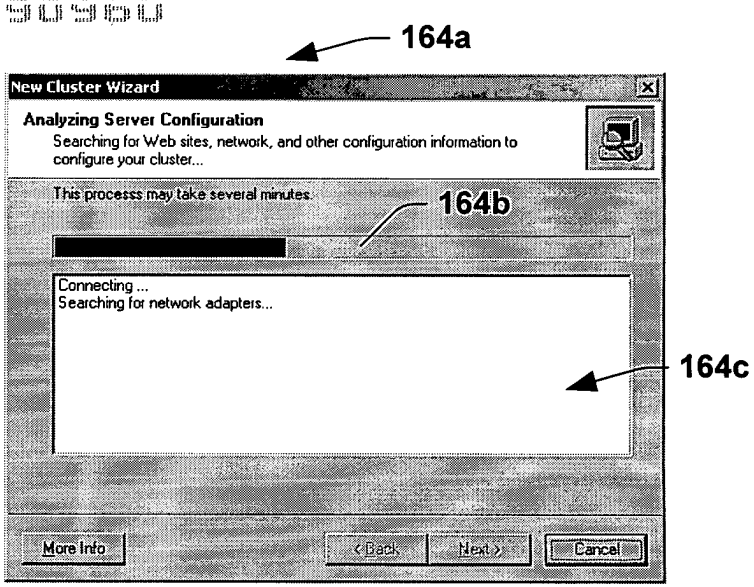


Fig. 11b

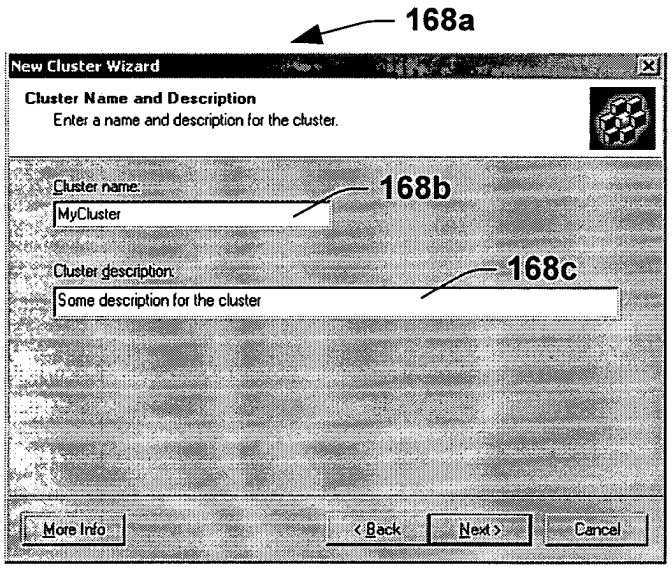


Fig. 11c

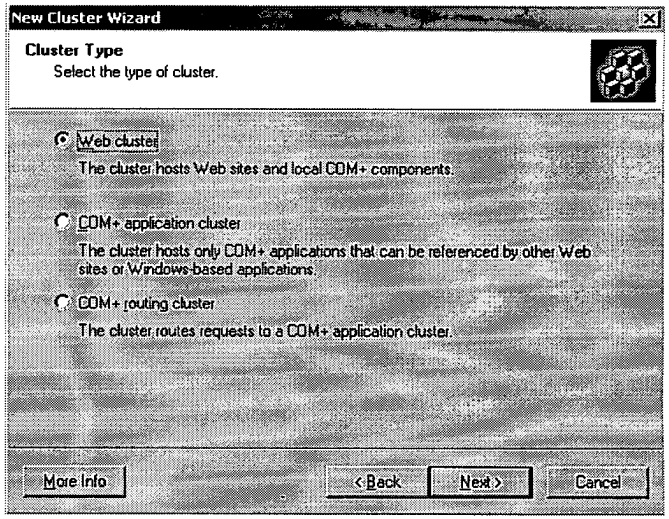


Fig. 11d

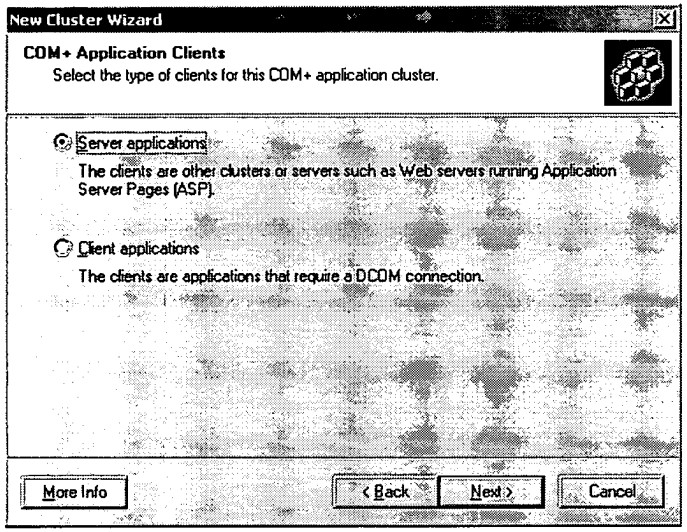


Fig. 11e

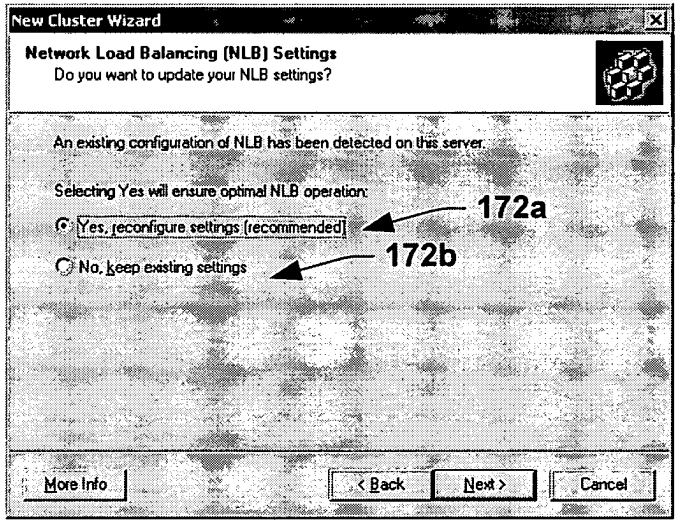


Fig. 11f

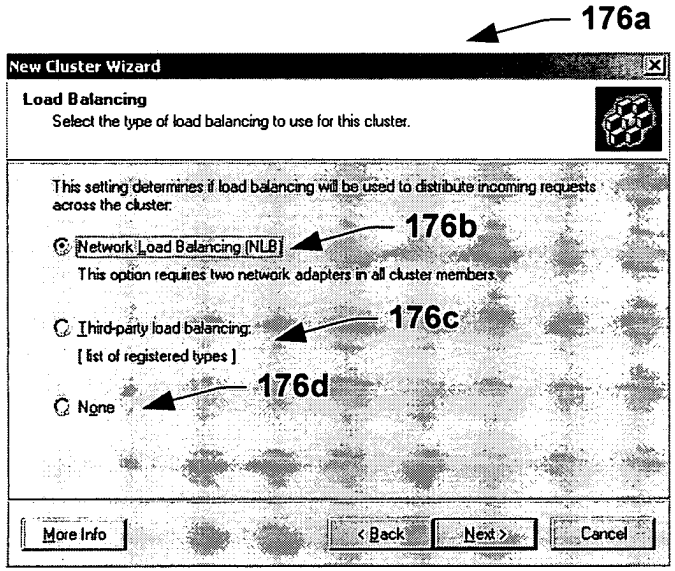


Fig. 11g

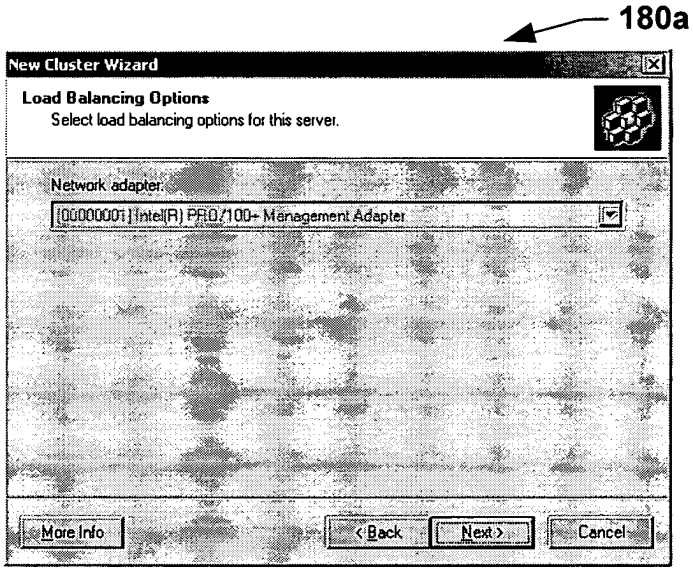


Fig. 11h

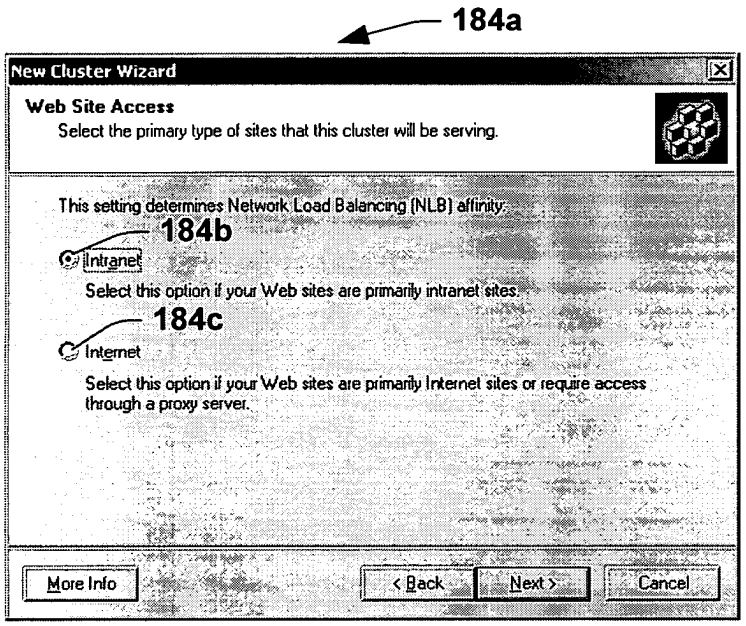


Fig. 11i

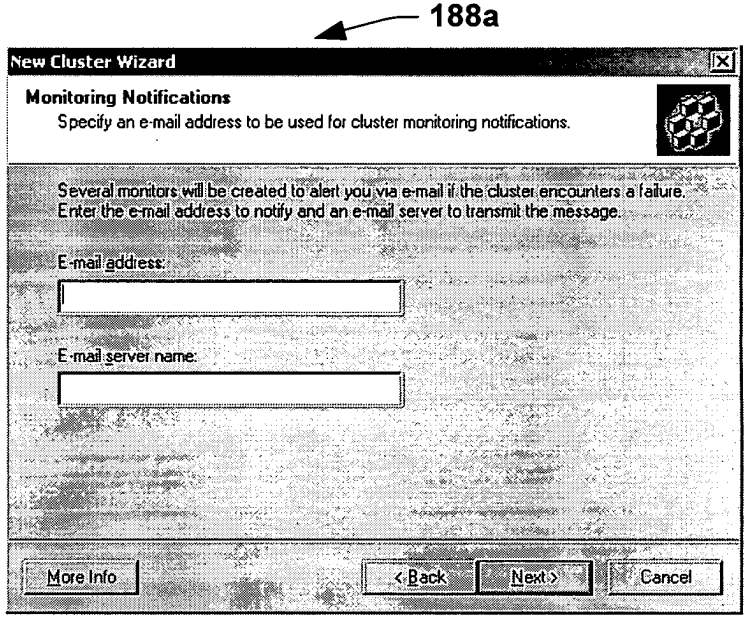


Fig. 11j

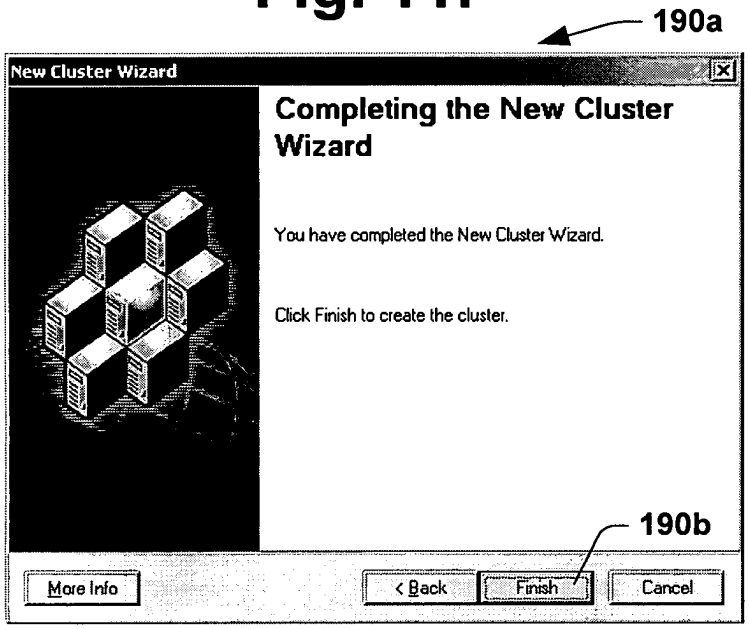


Fig. 11k

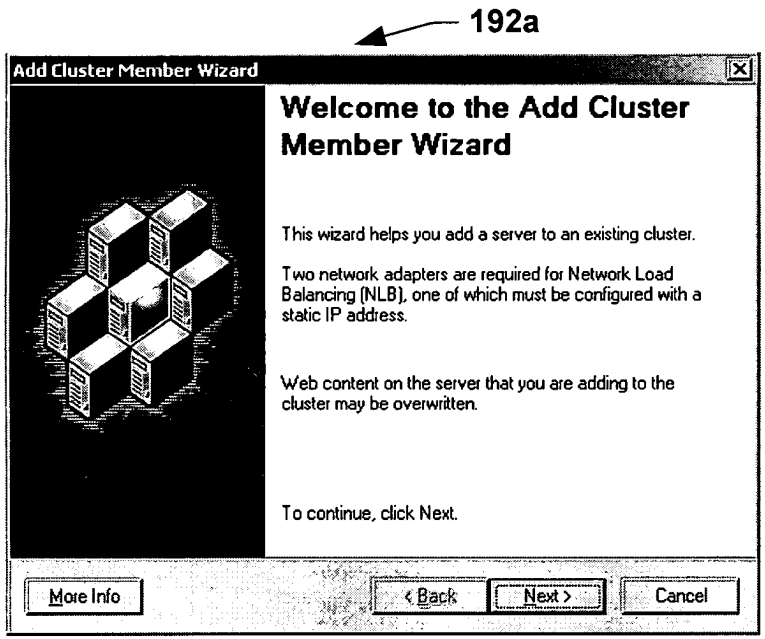


Fig. 12a

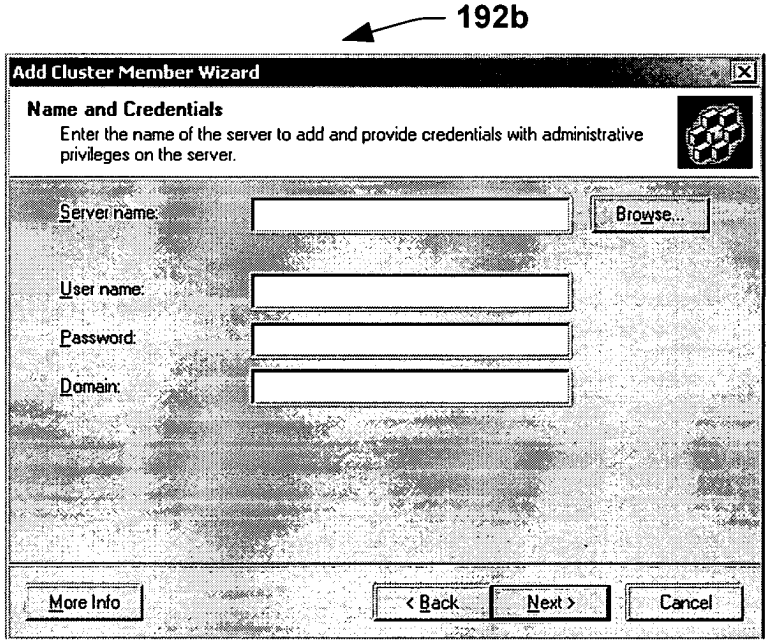


Fig. 12b

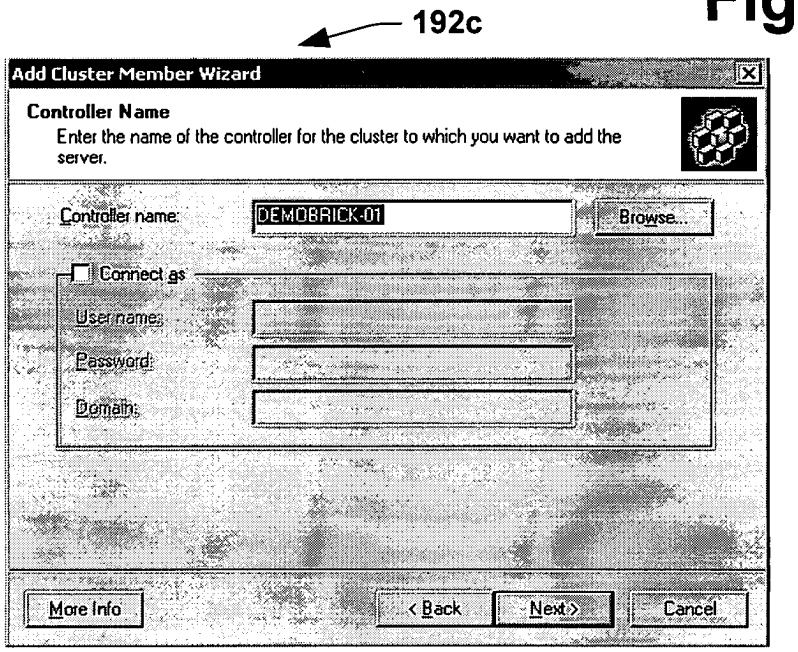


Fig. 12c

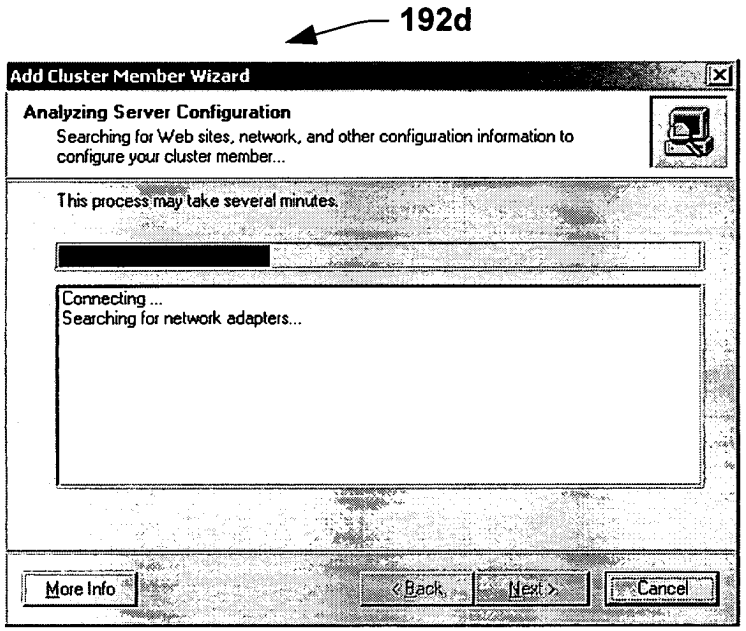


Fig. 12d

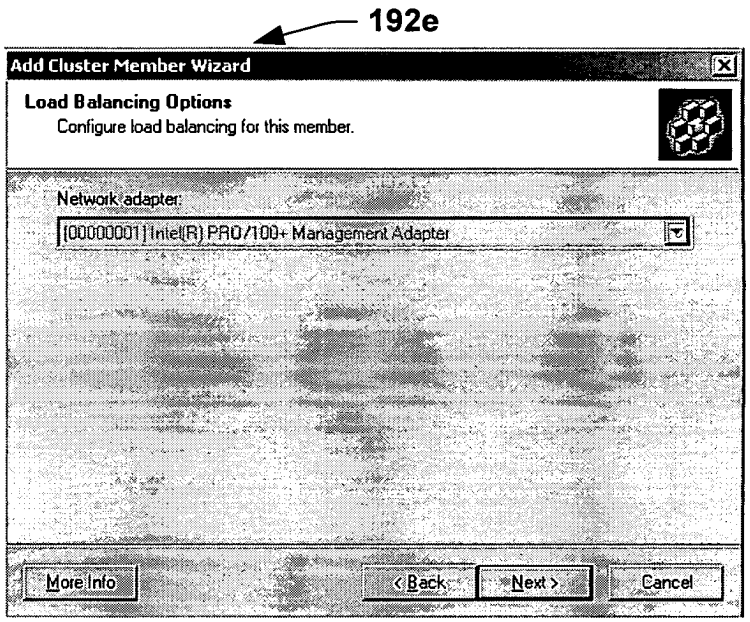


Fig. 12e

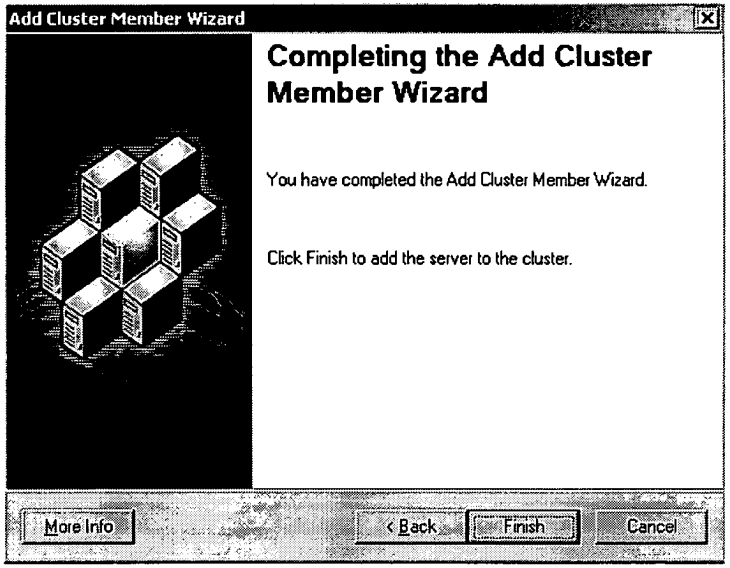


Fig. 12f

Fig. 13a

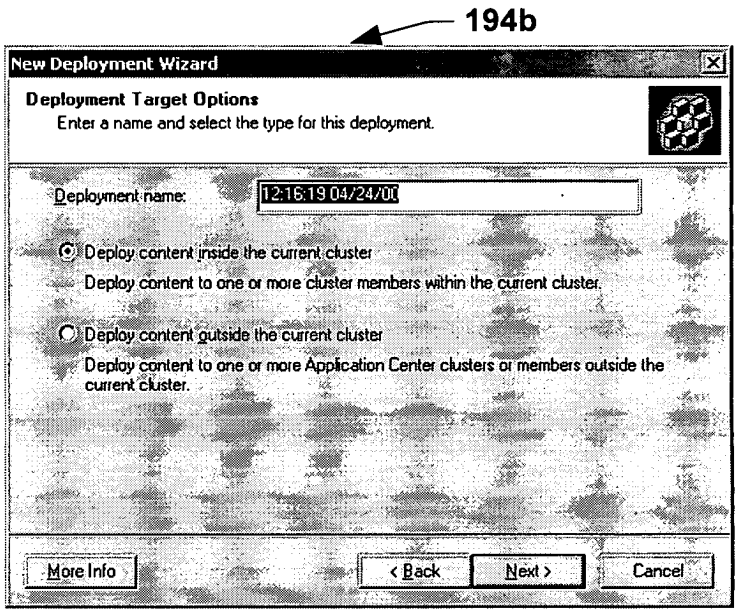


Fig. 13b

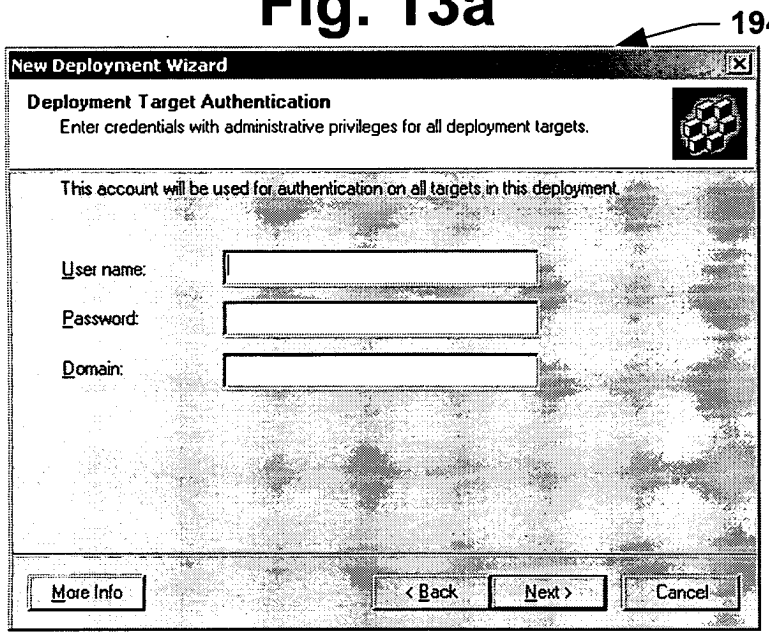


Fig. 13c

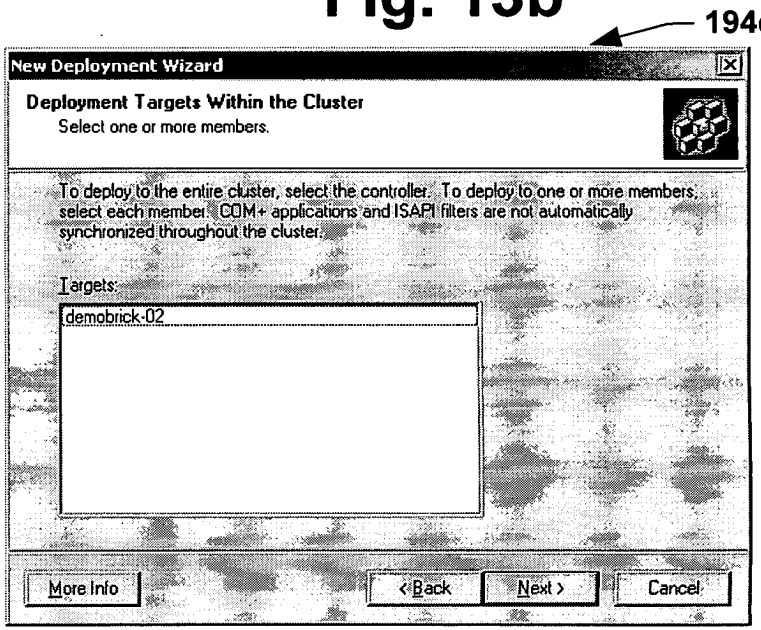
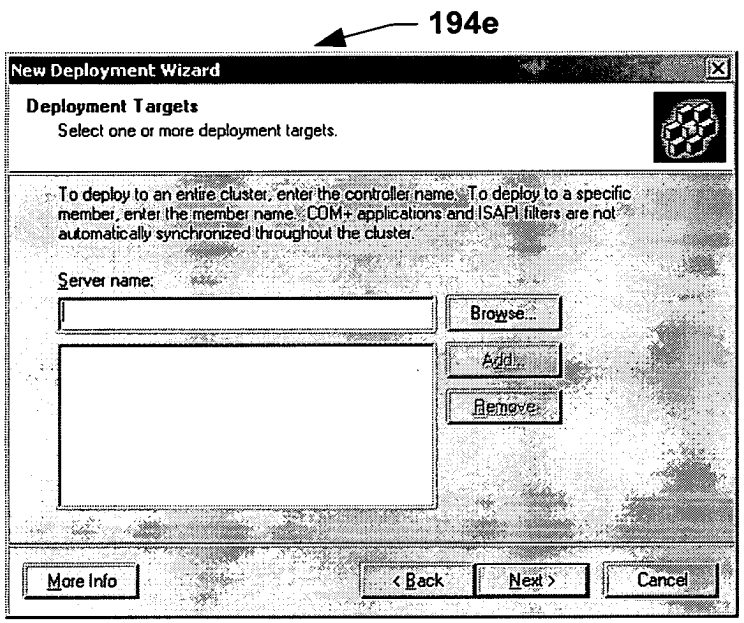


Fig. 13d



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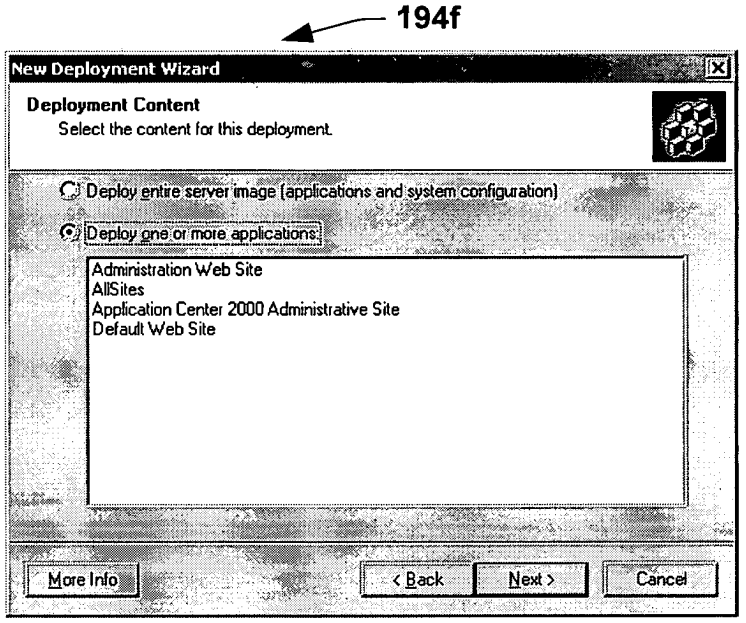

Fig. 13f

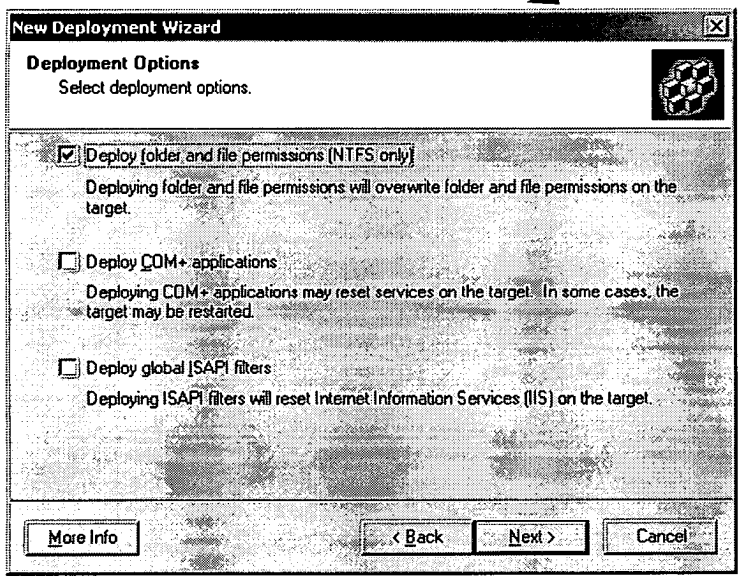

Fig. 13g

Fig. 13h

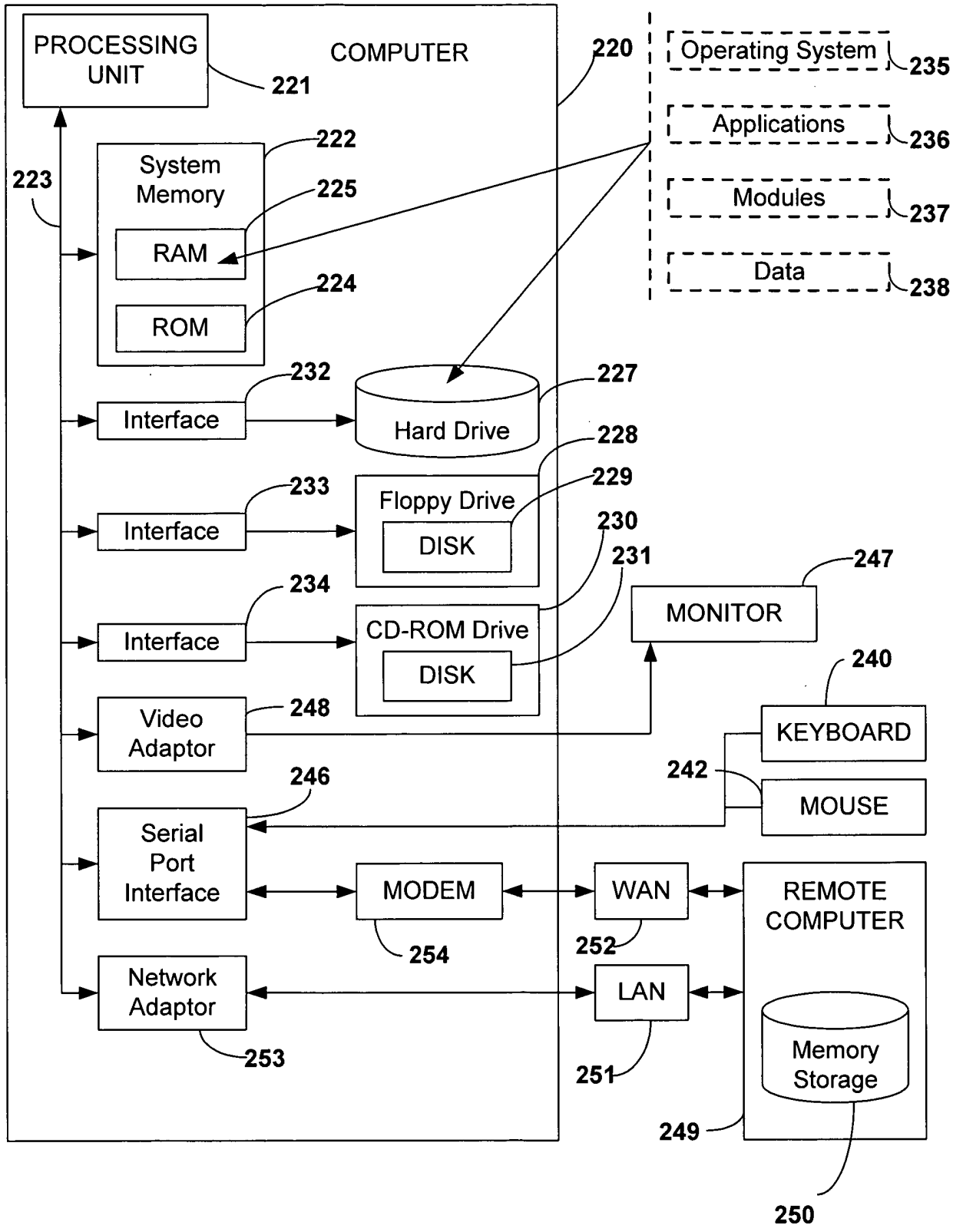
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Fig. 14